

NEUROD6 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant NEUROD6.

Catalog # AT3024a

Product Information

Application	WB, IF, E
Primary Accession	Q96NK8
Other Accession	NM_022728
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3B3
Calculated MW	38705

Additional Information

Gene ID	63974
Other Names	Neurogenic differentiation factor 6, NeuroD6, Class A basic helix-loop-helix protein 2, bHLHa2, Protein atonal homolog 2, NEUROD6, ATOH2, BHLHA2
Target/Specificity	NEUROD6 (NP_073565.2, 191 a.a. ~ 290 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NEUROD6 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

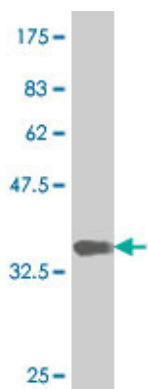
NEUROD6 is a member of the NEUROD (NEUROD1; MIM 601724) family of basic helix-loop-helix (bHLH) transcription factors (Guo et al., 2002 [PubMed 12357074]).

References

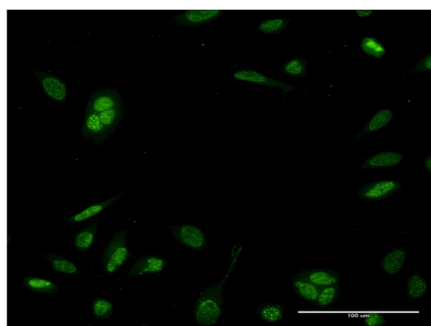
Case-control study of six genes asymmetrically expressed in the two cerebral hemispheres: association of BAIAP2 with attention-deficit/hyperactivity disorder. Ribas?s M, et al. Biol Psychiatry, 2009 Nov 15. PMID 19733838.AT-hook proteins stimulate induction of senescence markers triggered by 5-bromodeoxyuridine in mammalian cells. Satou W, et al. Exp Gerontol, 2004 Feb. PMID 15036409.Complete sequencing and

characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Human chromosome 7: DNA sequence and biology. Scherer SW, et al. Science, 2003 May 2. PMID 12690205. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

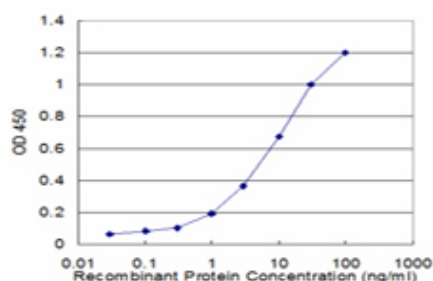
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



Immunofluorescence of monoclonal antibody to NEUROD6 on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged NEUROD6 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.